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This document contains information
referring to the [redacted]

CHAL 0326
Cy 6 of 8

18 September 1953

MEMORANDUM FOR: CHIEF, HTAUTOMAT

SUBJECT : Storage of Aerial Roll Film

1. Recent reports from Eastman Kodak indicate that the residual hypo content of aerial roll film processed by the [redacted] centers exceeds the amount considered acceptable for long-shelf-life storage. For example, an analysis of Mission 6017 shows a residual content of .035 to .040 milligrams of sodium thiosulfate per square inch of original negative. As you know, this will cause eventual deterioration, bleaching, mottling, etc. of film placed in storage. By comparison, film processed at Eastman is tested to insure residual hypo content is below .020 milligrams per square inch which permits optimum keeping qualities for long-time storage.

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2. Several courses of action are available to correct the above situation. In the interim, Eastman has been instructed to run residual hypo analyses on all future [redacted] processed missions. This information will be appended to the data accompanying original negatives returned to your activity. Based on residual chemical content, and if long-time storage of original negatives is anticipated, [redacted] processed negatives could be reworked by Eastman at your request.

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3. If you believe the situation warrants, I suggest that a representative cross section of [redacted] processed negatives now in storage at HTAUTOMAT be subjected to a residual hypo analysis. Based upon chemical levels revealed, it may then be appropriate to analyze all such original negatives for which a continuing requirement is anticipated.

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4. Simultaneous with the above action, I recommend that the [redacted] Centers be advised of this condition with the view of corrective action at the source.

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5. Your views on this problem are solicited. If you desire to complete an analysis of subject negatives currently in your archives and require assistance, arrangements will be made to provide personnel from Eastman on a temporary basis to lend such assistance.

(obs)

SIGNED

Colonel, USAF

Director of Operations

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Dist.:

- 1 - addressee
- 2 - SA/PD/DCI
- 3 - Dep Dir/OPS
- 4 - Intell Hqts Off (Reber)
- 5 - R & D
- 6 - Chal file (Ops)
- 7 - Ops subj file
- 8 - Ops chron